

Date: Wed, 6 Oct 93 04:30:18 PDT
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V93 #65
To: Ham-Digital

Ham-Digital Digest Wed, 6 Oct 93 Volume 93 : Issue 65

Today's Topics:

 Baycom Modem Problem (2 msgs)
 DVR4-10's @ 450mhz
 HAPN Packet.
 KPC-3 to HTX-202 cable wiring
 Responsibility for B
 Soundblaster (tm) for multi-mode digital communications

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 6 Oct 93 03:00:31 GMT
From: ogicse!uwm.edu!wupost!waikato!canterbury.ac.nz!cantva!
misc023@network.ucsd.edu
Subject: Baycom Modem Problem
To: ham-digital@ucsd.edu

The major problem with BayCom was it would not recognise AX25 level 1
properly, this is why it would not work with early MSYS BBS's (I assume
by now 115 is using lvl 2!)...

Thus it may be the system you are attempting to connect to is using the
early protocol. My suggestion would be that you _try_ TFPCX with SP or
Graphic Packet. Alternatively (and even better 'cos it has full 'YAPP'
facility, and interfaces well with FBB BBS's) TPK run with BPQ and AX25EXT
will work well with a BayCom modem. Note however that most of these programs
will require at least a 286, apart from the SP/TFPCX combination.

Since I no longer have a copy of any early MSYS versions I cannot be absolutely sure if these will work but it's worth a go...

Cheers de Luke (ZL2JF@ZL2JF.#80.NZL.OC)

Date: Tue, 5 Oct 1993 17:48:25 GMT
From: psinntp!gdstech!gdstech!bat@uunet.uu.net
Subject: Baycom Modem Problem
To: ham-digital@ucsd.edu

There was a known problem of that same nature with BBS's called MSYS. They would return packets to your Baycom, but these were not recognized, and the connection never completed. It was rumored that the MSYS sysop could set a parameter to correct the problem.

--

* Pat Masterson D12-25 | KE2LJ@KC2FD *
* Grumman Data Systems | 516-346-6316. *
* Bethpage, NY 11746 | bat@gdstech.grumman.com *

Date: 5 Oct 93 12:43:14 GMT
From: ogicse!uwm.edu!math.ohio-state.edu!magnus.acs.ohio-state.edu!csn!
kelsey@network.ucsd.edu
Subject: DVR4-10's @ 450mhz
To: ham-digital@ucsd.edu

Dave Ewaldz (dewaldz@ingersoll.COM) wrote:
: We are in the process of setting up a local 9600 backbone link on 70cm here,
: and one of the participants has purchased a Kantronics D4-10 radio for his end.
: The link is on 440.050 mhz. The Kantronics manual leads one to believe these
: radios can't go this high in frequency. Anyone have any luck with these rascals
: above 440mhz?
: Any feedback would be appreciated.

: --
: --
: Dave

: +-----+
: | Dave Ewaldz THE INGERSOLL MILLING MACHINE CO. |
: | Rockford, Illinois, Usa |
: | | |
: | Internet - dewaldz@ingersoll.com |
: | Amprnet - n9hkm%n9hkm.ampr.org@ke9yq.ampr.org |
: | [44.72.75.33] |

: | ax25 mail - n9hkm@n9hkm.#ncil.il.usa.na |
: | Ma-Bell - (815)-633-7031 |
: +-----+

We have one running on 446.5 - had to re-tweak as per the manual. The problem we have had with the unit is that it is not stable enough to work well.

Has anyone else made one of these things stop drifting enough to work for more than a few hours ??

73 - Bill - N8ET

Date: 5 Oct 93 14:08:50 +1000
From: munnari.oz.au!newshost.anu.edu.au!sserve!hhcs.gov.au!hhcs.gov.au!
news@network.ucsd.edu
Subject: HAPN Packet.
To: ham-digital@ucsd.edu

In article <CDnouC.r3@world.std.com> Eric A Cottrell, eac@world.std.com writes:

> The HAPN Modem is a 4800 baud modem put out by a group called HAPN. It's
> advantage over 9600 baud is the audio can be fed into the mic and taken
> from the speaker without modification (or little modification?).

No. The HAPN 4800 baud modem REQUIRES you to go direct to the discriminator for the receive audio and the modulator for the TX. It can, however, handle both FM and Phase mod radios. We have quite a few running around here and in Sydney and Melbourne (Well over 100 in all). The local group here also has a 4800 baud modem kit out that is compatable with the HAPN one but includes a 7910 as well.

> The local TCP/IP group got two to try but ran into problems getting them to
> work right.

They work fine once you've modified the radio.

Carl.

(I have 2!)

--

Carl Makin (VK1KCM)

makinc@hhcs.gov.au (Internet) / vk1kcm@vk1kcm.act.aus.oc (Ampnet)

'The best book on programming for the layman is "Alice in Wonderland";
but that's because it's the best book on anything for the layman.'

Date: Mon, 4 Oct 1993 12:44:27 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!pipex!bnr.co.uk!corpgate!
nrtpa038!brtph560!nt.com!cmwdr01@network.ucsd.edu
Subject: KPC-3 to HTX-202 cable wiring
To: ham-digital@ucsd.edu

> I just got a KPC-3 TNC. I need to make the cable between the
>radio and the TNC. I own a htx-202 from radio shack. Does
>anyone know the proper cabling between them? I have
>2.2kOHM res and 3.9kOHM res and 0.1uf caps plus
>mono 3/32 mono plus, 1/8stero and 1/8 mono plugs.
>Can someone supply me with the proper circuit, tip/sleeve
>data?
> Thanks,
> -Jeff Luszcz
> N2TIQ
> jrl2@cornell.edu

I used the wiring diagram from the KPC-3 manual for an Icom 2at using the
KPC-3's internal cap and resistor for my HTX-202.
73 - Dave.

=====
Dave Redfearn, SR PC LAN Analyst Northern Telecom RTP, NC.
ph.(919) 992-3925 email: cmwdr01@nt.com qrl? de N4ELM/qrp

All opinions are my own and do not necessarily reflect the views of
my employer, co-workers or any other person, living or dead.

Date: 5 Oct 93 17:50:08 GMT
From: news-mail-gateway@ucsd.edu
Subject: Responsibility for B
To: ham-digital@ucsd.edu

>Crypto authorization is NOT required. Latest versions of AA4RE beta
>include authorization using MD5. MD5 is useful because it is not
>...
>
>Roy Engehausen, AA4RE
>enge@almaden.ibm.com

true, but it could depend on how much you want to annoy the Authorities -- a
worldwide amateur radio data network running inside crypto so we can tell
who's responsible for what.

counterproposal: do away with the content rules and we'll go back to plain english.

would they give up content restrictions to prevent the widespread use of hard-to bread crypto by hobbyists ? or would they just eliminate us altogether?

tough choice.

bill wb9ivr
wb9ivr%pubs%genav.mlb@ns14.cca.cr.rockwell.com

Date: 4 Oct 93 20:21:26 -0600
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
vixen.cso.uiuc.edu!moe.ksu.ksu.edu!engr.uark.edu!news.ualr.edu!quapaw.astate.edu!
bross@network.ucsd.edu
Subject: Soundblaster (tm) for multi-mode digital communications
To: ham-digital@ucsd.edu

: There is also a program (FFTMORSE in the HAM directory on Simtel (RIP)
: mirrors) which will decode morse code. (One of my unfinished projects is
: an enhanced GCC compiled 32 bit version.) The original has problems with
: SB Pros (I could post my fix for it on the condition that I get feedback on
: whether it works - it reportedly does not always do so).

I have a Pro Audio Spectrum 16 and a 486/33, and I can't get this program to work. I also can't get a program called DTMF that is supposed to decode DTMF tones to work. (it was based on FFTMORSE) I tried it on a friend's computer (he has a 486/25 and a SB 1.0) and it wouldn't work either. The docs say that it uses the clock on the SB for timing, so I guess the speed of the computer wouldn't affect it that much.

: >This leads to a simple question : "Can the Soundblaster (tm) be programmed
: >to do all the 1200, 2400, 9600, afsk, psk, etc. TNC work, (Color) SSTV,
: >WEFAX, RTTY, CW, AMTOR, FAX, PACTOR, CCTSS, DTMF, etc. etc. work that a
: >multi-mode digital controller does ?"

I am very interested in a program that will do this. I am pretty sure that it is possible with a 486 and a 16 bit 44.1khz sound card.

End of Ham-Digital Digest V93 #65
